

Special Thanks

Golf Course Superintendents Association of Northern California wishes to thank the following people for making our Christmas Party and Larry Lloyd Memorial Tournament a success.

Special thanks to the staff at Rancho Canada Golf Course, Tim Greenwald, Superintendent, Carl Miller, Manager and Shim LaGoy, Pro.

Thank you to the following supporters:

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PART ONE

SPECIAL EDITION:

SUMMER PATCH DISEASE IN CALIFORNIA

*This is a follow-up regarding THE VERY DESTRUCTIVE DISEASE infecting the vascular crown and root of **Poa annua** on golf course greens as evidenced by the numerous samples of grass plants submitted to Dr. Robert Endo, UC Riverside. The diligent research efforts of the University pathologists sparked by your many samples culminated to date in the findings reported in their release that follows:*

The summer patch pathogen *Magnaporthe poae*, is the cause of the vascular crown and root rot disease in California.

R.M. Endo, and H.D. Ohr, Professor and Extension Plant Pathologist respectively, Department of Plant Pathology UCR and A.H. McCain, Extension Pathologist, Department of Plant Pathology, UCB.

During last summer and fall, a very destructive and common patch disease affected *Poa annua* greens in southern and central California; bentgrass plants were apparently not susceptible. The disease was not severe during hot weather.

Microscopic examination of diseased plants from the patches revealed that the primary and secondary roots are affected with a brown to black dry root rot which sometimes involved the crown as well; frequently a discoloration of the central vascular cylinder was also